In the Claims

Please amend the claims as follows:

1. (Currently Amended) A medical grade deformer, comprising:

an axial member; and

a pliable tube mounted on said axial member and adapted to be deformed from a first, narrower diameter, configuration to a second, greater diameter, configuration, wherein the tube is slotted along a majority of its length in an axial direction.

2. (Original) A deformer according to claim 1, wherein said tube is slotted through its thickness.

3. (Canceled)

4. (Currently Amended) A deformer according to claim 1, comprising at least ~~one~~ a first end of the deformer engaging ~~one~~ a first end of said tube and adapted to apply compressive force to said tube for achieving said deformation.

5. (Currently Amended) A deformer according to claim 4, comprising at least a second end of the deformer ~~one end~~ engaging a second end of said tube and adapted to cooperate with said first end of the deformer to compress said tube.

6. (Currently Amended) A deformer according to claim 5, wherein said ~~two engaging~~first and second ends of the deformer and said axial member lock to maintain said pliable tube in a greater diameter configuration.

7. (Original) A deformer according to claim 1, wherein said tube changes configuration by axial compression thereof.

8. (Original) A deformer according to claim 1, wherein said axial member is rigid.

9. (Canceled)

10. (Original) A deformer according to claim 1, wherein said axial member extends out of said tube and is attached to a handle.

11. (Original) A deformer according to claim 1, wherein said axial member comprises a release mechanism for release of said deformer from a delivery system.

12. (Original) A deformer according to claim 11, wherein said axial member comprises a locking mechanism for locking of said deformer in a greater diameter configuration in conjunction with release.

13. (Original) A deformer according to claim 1, wherein said deformer includes a channel adapted for bone filler flow.

14. (Original) A deformer according to claim 13, wherein said channel is formed in said axial member.

15. (Original) A deformer according to claim 13, wherein said channel is formed between said axial member and said tube.

16. (Original) A deformer according to claim 1, wherein said axial member extends from said tube and is adapted to function as a hinge of a joint.

17. (Original) A deformer according to claim 1, wherein said deformer forms a bone attachment unit for a prosthesis.

18. (Original) A deformer according to claim 1, comprising an enclosing bag, which surrounds said tube in said second configuration.

19. (Original) A deformer according to claim 18, wherein said bag is bio-degradable in the body.

20. (Original) A deformer according to claim 18, wherein said bag is porous.

21. (Original) A deformer according to claim 1, wherein said deformer defines a general volume in the shape of a cylinder when in said second configuration.

22. (Canceled)

23. (Original) A deformer according to claim 1, wherein said deformer defines an axially rotationally asymmetric general volume when in said second configuration.

24. (Original) A deformer according to claim 1, wherein said deformer defines a predetermined general volume when in said second configuration.

25. (Original) A deformer according to claim 1, wherein said deformer comprises a set of axially contiguous zones with different material properties.

26. (Original) A deformer according to claim 1, wherein said deformer has a non-smooth outer surface in said second configuration.

27. (Original) A deformer according to claim 1, wherein said deformer is stiff enough, when in said second configuration to resist a trans-axial force of at least 50Kg.

28. (Original) A deformer according to claim 1, wherein said deformer, when in said second configuration has an axial applied force of at least 2Kg.

29. (Original) A deformer according to claim 1, wherein said pliable material has a shore hardness of between 50A and 90D.

30. (Original) A deformer according to claim 1, wherein said pliable material is non-metallic.

31. (Original) A deformer according to claim 1, wherein said pliable material is polymeric.

32. (Original) A deformer according to claim 1, wherein said deformer includes at least one axial thread.

33. (Original) A deformer according to claim 1, wherein said deformer includes at least one circumferential thread.

34. (Original) A deformer according to claim 1, wherein said deformer, in said second configuration, defines a general volume and wherein said deformer fills at least 30% of said volume.

35. (Original) A deformer according to claim 1, wherein said deformer, in said second configuration, defines a general volume and wherein said deformer fills at least 50% of said volume.

36. (Original) A deformer according to claim 1, wherein said tube defines a plurality of slots, such that when deformed to the second configuration, a plurality of axially displaced leaves extend from said tube to define said second configuration.

37. (Original) A deformer according to claim 36, wherein said tube defines at least three axially displaced leaves.

38. (Original) A deformer according to claim 36, wherein adjacent leaves support each other, in said second configurations.

39. (Original) A deformer according to claim 36, wherein an end leaf is shorter than a non-end leaf.

40. (Original) A deformer according to claim 36, wherein an end leaf is supported, on one side thereof, by an end cap of said deformer.

41. (Original) A deformer according to claim 36, wherein adjacent leaves deform each other.

42. (Original) A deformer according to claim 36, wherein at least 50% of the leaves are deformed from a plane.

43-61. (Cancelled)